



Dart Aerospace Ltd.  
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Canada

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**D119-796-141TRN**  
**Job Sheet 198922**



**Part No:** D119-796-141TRN

**Job Qty:** 1 pcs

**Part Name:** Crosstube Turning Detail



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 8/7/19

**Job Tracking No:**

**Due Date:** 8/21/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** D119-796-141 REV H IPP REV A RQ 14/06/06 VERIFIED BY DD IPP REV:B 16.05.04 AS PER DWG REV.H  
DD VERF:JLM

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation            | Qty      | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                    |
|-------|----------------------|----------|------------|----------|-----------|---------|-----------------------|-----------|-----------------------------|
|       |                      |          |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                             |
| 100   | Mori Seiki TL-40 - 1 | 1<br>pcs |            | 8/21/19  | 1.00      | 1.52    | Mori Seiki TL-40 - 1  |           | DAS<br>662019-08-20<br>9-89 |
| 110   | QC 2                 | 1<br>pcs |            | 8/21/19  | 0.00      | 0.00    | QC 2 - 1              |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 12             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 14             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 17             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 19             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 2              |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 20             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 22             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 23             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 25             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 32             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 33             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 35             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 39             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 4              |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 40             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 44             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 45             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 48             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 49             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 50             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 51             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 52             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 57             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 62             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 63             |           |                             |
|       |                      |          |            |          |           |         | QC 2 - 8              |           | DAS                         |
|       |                      |          |            |          |           |         | QC 2 - 66             |           | 662019-08-20                |
|       |                      |          |            |          |           |         | QC 2 - 64             |           | 9-89                        |

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|     |                            |   |         |           |                            |                             |
|-----|----------------------------|---|---------|-----------|----------------------------|-----------------------------|
|     |                            |   |         |           | QC 2 - 65                  |                             |
|     |                            |   |         |           | QC 2 - 5                   |                             |
|     |                            |   |         |           | QC 2 - 71                  |                             |
|     |                            |   |         |           | QC 2 - 73                  |                             |
|     |                            |   |         |           | QC 2 - 69                  |                             |
| 120 | Mori Seiki TL-40 - 1 - B4B | 1 | 8/21/19 | 1.00 1.52 | Mori Seiki TL-40 - 1 - B4B | DAS<br>662019-08-21<br>9-89 |
|     | pcs                        |   |         |           |                            |                             |
| 130 | QC 2                       | 1 | 8/21/19 | 0.00 0.00 | QC 2 - 1                   |                             |
|     | pcs                        |   |         |           | QC 2 - 12                  |                             |
|     |                            |   |         |           | QC 2 - 14                  |                             |
|     |                            |   |         |           | QC 2 - 17                  |                             |
|     |                            |   |         |           | QC 2 - 19                  |                             |
|     |                            |   |         |           | QC 2 - 2                   |                             |
|     |                            |   |         |           | QC 2 - 20                  |                             |
|     |                            |   |         |           | QC 2 - 22                  |                             |
|     |                            |   |         |           | QC 2 - 23                  |                             |
|     |                            |   |         |           | QC 2 - 25                  |                             |
|     |                            |   |         |           | QC 2 - 32                  |                             |
|     |                            |   |         |           | QC 2 - 33                  |                             |
|     |                            |   |         |           | QC 2 - 35                  |                             |
|     |                            |   |         |           | QC 2 - 39                  |                             |
|     |                            |   |         |           | QC 2 - 4                   |                             |
|     |                            |   |         |           | QC 2 - 40                  |                             |
|     |                            |   |         |           | QC 2 - 44                  |                             |
|     |                            |   |         |           | QC 2 - 45                  |                             |
|     |                            |   |         |           | QC 2 - 48                  |                             |
|     |                            |   |         |           | QC 2 - 49                  |                             |
|     |                            |   |         |           | QC 2 - 50                  |                             |
|     |                            |   |         |           | QC 2 - 51                  |                             |
|     |                            |   |         |           | QC 2 - 52                  |                             |
|     |                            |   |         |           | QC 2 - 57                  |                             |
|     |                            |   |         |           | QC 2 - 62                  |                             |
|     |                            |   |         |           | QC 2 - 63                  |                             |
|     |                            |   |         |           | QC 2 - 8                   | DAS                         |
|     |                            |   |         |           | QC 2 - 66                  | 662019-08-21                |
|     |                            |   |         |           | QC 2 - 64                  | 9-89                        |
|     |                            |   |         |           | QC 2 - 65                  |                             |
|     |                            |   |         |           | QC 2 - 5                   |                             |
|     |                            |   |         |           | QC 2 - 71                  |                             |
|     |                            |   |         |           | QC 2 - 73                  |                             |
|     |                            |   |         |           | QC 2 - 69                  |                             |
| 140 | QC 8                       | 1 | 8/21/19 | 0.00 0.00 | QC 8 - 12                  |                             |
|     | pcs                        |   |         |           | QC 8 - 14                  |                             |
|     |                            |   |         |           | QC 8 - 17                  |                             |
|     |                            |   |         |           | QC 8 - 20                  |                             |
|     |                            |   |         |           | QC 8 - 25                  |                             |
|     |                            |   |         |           | QC 8 - 3                   |                             |
|     |                            |   |         |           | QC 8 - 32                  |                             |
|     |                            |   |         |           | QC 8 - 33                  |                             |
|     |                            |   |         |           | QC 8 - 35                  |                             |
|     |                            |   |         |           | QC 8 - 39                  |                             |
|     |                            |   |         |           | QC 8 - 4                   |                             |
|     |                            |   |         |           | QC 8 - 44                  |                             |
|     |                            |   |         |           | QC 8 - 45                  |                             |
|     |                            |   |         |           | QC 8 - 49                  |                             |
|     |                            |   |         |           | QC 8 - 58                  |                             |
|     |                            |   |         |           | QC 8 - 8                   |                             |
|     |                            |   |         |           | QC 8 - 9                   |                             |
|     |                            |   |         |           | QC 8 - 68                  |                             |

|                                   |          |         |           |                           |                                           |
|-----------------------------------|----------|---------|-----------|---------------------------|-------------------------------------------|
|                                   |          |         |           | QC 8 - 67                 |                                           |
|                                   |          |         |           | QC 8 - 1 (A)              | DAS                                       |
|                                   |          |         |           | QC 8 - 47                 | 47                                        |
|                                   |          |         |           | QC 8 - 40                 | 9-89                                      |
|                                   |          |         |           | QC 8 - 52                 |                                           |
|                                   |          |         |           | QC 8 - 23                 |                                           |
|                                   |          |         |           | QC 8 - 57                 |                                           |
| 145 Crosstubes - 2 - B4B          | 1<br>pcs | 8/21/19 | 0.00 0.33 | Crosstubes - 1 - B4B      |                                           |
|                                   |          |         |           | Crosstubes - 2 - B4B      | BB 9/15/2019                              |
|                                   |          |         |           | Crosstubes - 3 - B4B      |                                           |
|                                   |          |         |           | Crosstubes - 4 - B4B      |                                           |
| 150 Handfinish - 1-1 Chemical-B4B | 1<br>pcs | 8/21/19 | 0.00 0.40 | Handfinish - 1 - 1 - B4B  | BEB 9-10-07.                              |
|                                   |          |         |           | Handfinish - 1 - 2 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 3 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 4 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 5 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 6 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 7 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 8 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 9 - B4B  |                                           |
|                                   |          |         |           | Handfinish - 1 - 10 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 11 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 12 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 13 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 14 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 15 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 16 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 17 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 18 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 19 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 20 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 21 - B4B |                                           |
|                                   |          |         |           | Handfinish - 1 - 22 - B4B |                                           |
| 160 QC 7                          | 1<br>pcs | 8/21/19 | 0.00 0.00 | QC 7 - 10                 |                                           |
|                                   |          |         |           | QC 7 - 13                 |                                           |
|                                   |          |         |           | QC 7 - 14                 |                                           |
|                                   |          |         |           | QC 7 - 15                 |                                           |
|                                   |          |         |           | QC 7 - 17                 |                                           |
|                                   |          |         |           | QC 7 - 18                 |                                           |
|                                   |          |         |           | QC 7 - 19                 |                                           |
|                                   |          |         |           | QC 7 - 2                  |                                           |
|                                   |          |         |           | QC 7 - 28                 |                                           |
|                                   |          |         |           | QC 7 - 3                  |                                           |
|                                   |          |         |           | QC 7 - 30                 |                                           |
|                                   |          |         |           | QC 7 - 34                 |                                           |
|                                   |          |         |           | QC 7 - 36                 |                                           |
|                                   |          |         |           | QC 7 - 37                 |                                           |
|                                   |          |         |           | QC 7 - 41                 |                                           |
|                                   |          |         |           | QC 7 - 47                 | JW 9-10-11                                |
|                                   |          |         |           | QC 7 - 48                 |                                           |
|                                   |          |         |           | QC 7 - 51                 |                                           |
|                                   |          |         |           | QC 7 - 58                 |                                           |
|                                   |          |         |           | QC 7 - 59                 |                                           |
|                                   |          |         |           | QC 7 - 60                 |                                           |
|                                   |          |         |           | QC 7 - 9                  |                                           |
|                                   |          |         |           | QC 7 - 68                 |                                           |
|                                   |          |         |           | QC 7 - 50                 |                                           |
|                                   |          |         |           | QC 7 - 67                 |                                           |
|                                   |          |         |           | QC 7 - 40                 |                                           |
|                                   |          |         |           |                           | Plex 8/7/19 1:53 PM Dart.lajeunesse.marie |

|                                 |          |         |           |                        |      |
|---------------------------------|----------|---------|-----------|------------------------|------|
| 170 Packaging 3-1 - Stock - B4B | 1<br>pcs | 8/21/19 | 0.00 0.00 | QC 7 - 24              |      |
|                                 |          |         |           | QC 7 - 43              |      |
|                                 |          |         |           | QC 7 - 61              |      |
|                                 |          |         |           | QC 7 - 81              |      |
|                                 |          |         |           | Packaging 3 - 1 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 2 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 3 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 4 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 5 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 6 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 7 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 8 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 9 - B4B  |      |
|                                 |          |         |           | Packaging 3 - 10 - B4B |      |
|                                 |          |         |           | Packaging 3 - 11 - B4B |      |
|                                 |          |         |           | Packaging 3 - 12 - B4B |      |
|                                 |          |         |           | Packaging 3 - 13 - B4B |      |
|                                 |          |         |           | Packaging 3 - 14 - B4B |      |
|                                 |          |         |           | Packaging 3 - 15 - B4B |      |
|                                 |          |         |           | Packaging 3 - 16 - B4B |      |
|                                 |          |         |           | Packaging 3 - 17 - B4B |      |
|                                 |          |         |           | Packaging 3 - 18 - B4B |      |
|                                 |          |         |           | Packaging 3 - 19 - B4B |      |
|                                 |          |         |           | Packaging 3 - 20 - B4B |      |
|                                 |          |         |           | Packaging 3 - 21 - B4B |      |
|                                 |          |         |           | Packaging 3 - 22 - B4B |      |
|                                 |          |         |           | Packaging 3 - 23 - B4B |      |
|                                 |          |         |           | Packaging 3 - 24 - B4B |      |
|                                 |          |         |           | Packaging 3 - 25 - B4B |      |
|                                 |          |         |           | Packaging 3 - 26 - B4B |      |
|                                 |          |         |           | Packaging 3 - 27 - B4B |      |
|                                 |          |         |           | Packaging 3 - 28 - B4B |      |
|                                 |          |         |           | Packaging 3 - 29 - B4B |      |
|                                 |          |         |           | Packaging 3 - 30 - B4B |      |
|                                 |          |         |           | Packaging 3 - 31 - B4B |      |
|                                 |          |         |           | Packaging 3 - 32 - B4B |      |
|                                 |          |         |           | Packaging 3 - 33 - B4B |      |
|                                 |          |         |           | Packaging 3 - 34 - B4B |      |
|                                 |          |         |           | Packaging 3 - 35 - B4B |      |
|                                 |          |         |           | Packaging 3 - 36 - B4B |      |
| 180 QC 21 - FG                  | 1<br>pcs | 8/21/19 | 0.00 0.00 | QC 21 - FG - 21        | DAS  |
|                                 |          |         |           | QC 21 - FG - 70        | 21   |
|                                 |          |         |           | QC 21 - FG - 53        | 9-89 |

TO 17/12/11

OCT 1 1 2019

Part Op 100 - 1-Fill tube with sand & install plugs on both ends as per Folio FB316 2-Turn first side as per Folio FB316 3-Blend  
 Descriptions: transition lines only, \*\*do not sand whole tube\*\*: FOLIO REV: H DWG REV: H \*Use mill bastard  
 file, brush file repeatedly with file card. \*Do not use sandpaper coarser than 320 grit.  
 110 - (QC2- Inspect parts off machine FAI/FAIB)  
 120 - 1-Turn second side as per Folio FB316 2-Blend transition lines only, \*\*do not sand whole tube\*\*: 3-Remove sand  
 and plugs 4- scribe batch # and part # as per dwg  
 130 - (QC2- Inspect parts off machine FAI/FAIB)  
 140 - (QC8- Inspect parts - second check)  
 145 - GRIND ONLY TRANSITION LINES SMOOTH LONGITUDE WAY.  
 150 - 1- handfinish X-TUBE INSIDE AND OUT 2- ALODINE AND ACID ETCH X-TUBE INSIDE AND OUT. USE RED  
 SCOTCH BRITE  
 160 - (QC7-Inspect Chemical Conversion Coat)  
 170 - (Identify as per dwg & Stock Location: \_\_\_\_\_) LOCATION : LG014  
 180 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item | Component Name     | Quantity     | Operation                | Container |
|-------------|--------------------|--------------|--------------------------|-----------|
| D6024-103   | Crosstube Material | 1 pcs (1 ea) | 100-Mori Seiki TL-40 - 1 | E150 7.32 |

8/7/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

| Job Allocations                    |                |          |           |           |
|------------------------------------|----------------|----------|-----------|-----------|
| Operation                          | Component Part | Required | Inventory | Allocated |
| 100-Mori Seiki TL-40 - 1           | D6024-103      | 1        | 7         | 0         |
| Part Specifications                |                |          |           |           |
| Specifications could not be found. |                |          |           |           |



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Container No: S207311



Part: D119-796-141TRN

Job No: 198922

Serial No/Batch: S207311

Revision: H

Inspector:

Exp Date:

Instructions:

Date: 08/20/19

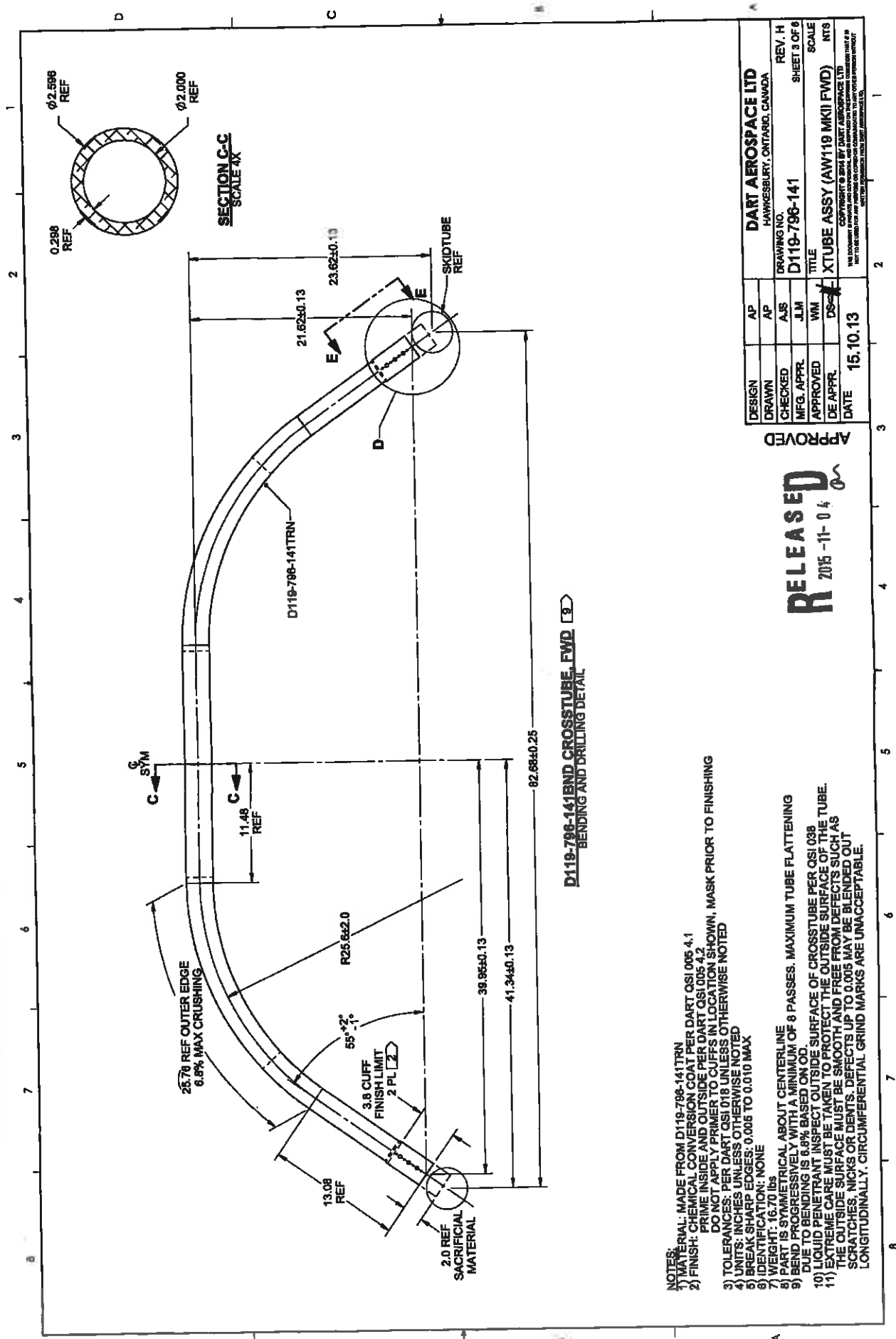
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|                                                         |                     |                    |
|---------------------------------------------------------|---------------------|--------------------|
| <b>DART AEROSPACE LTD</b>                               | <b>Work Order:</b>  | 198922             |
| <b>Description: Crosstube Assembly (AW119 MKII Fwd)</b> | <b>Part Number:</b> | D119-796-141TRN    |
| <b>Inspection Dwg: D119-796-141 Rev: H</b>              |                     | <b>Page 1 of 2</b> |

### FIRST ARTICLE INSPECTION CHECKLIST

|        | Inspection Sheet Drawing Dimension | Tolerance     | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|--------|------------------------------------|---------------|------------------|--------|--------|----------------------|----------|
| SIDE A | 6.00                               | +/-0.030      | 6.009            | ✓      |        | CNC-08               |          |
|        | 2.516                              | +/-0.005      | 2.521            | ✓      |        | CNC-04               |          |
|        | 2.333                              | +0.005/-0.000 | 2.336            | ✓      |        | ↓                    |          |
|        | 2.333                              | +0.005/-0.000 | 2.338            | ✓      |        |                      |          |
|        | 2.408                              | +0.005/-0.000 | 2.412            | ✓      |        |                      |          |
|        | 2.502                              | +0.005/-0.000 | 2.507            | ✓      |        |                      |          |
|        | 2.596                              | +0.005/-0.000 | 2.601            | ✓      |        |                      |          |
|        | 2.596                              | +0.005/-0.000 | 2.600            | ✓      |        |                      |          |
|        |                                    |               |                  |        |        |                      |          |
|        |                                    |               |                  |        |        |                      |          |
| SIDE B | 6.00                               | +/-0.030      | 6.009            | ✓      |        | CNC-08               |          |
|        | 2.516                              | +/-0.005      | 2.521            | ✓      |        | CNC-04               |          |
|        | 2.333                              | +0.005/-0.000 | 2.337            | ✓      |        | ↓                    |          |
|        | 2.333                              | +0.005/-0.000 | 2.338            | ✓      |        |                      |          |
|        | 2.408                              | +0.005/-0.000 | 2.413            | ✓      |        |                      |          |
|        | 2.502                              | +0.005/-0.000 | 2.507            | ✓      |        |                      |          |
|        | 2.596                              | +0.005/-0.000 | 2.601            | ✓      |        |                      |          |
|        | 2.596                              | +0.005/-0.000 | 2.599            | ✓      |        |                      |          |
|        |                                    |               |                  |        |        |                      |          |
|        |                                    |               |                  |        |        |                      |          |
|        | 102.26                             | +/-0.020      | 102.25           | ✓      |        | Tape                 |          |





|            |          |          |                                  |
|------------|----------|----------|----------------------------------|
| DESIGN     | AP       | AP       | DART AEROSPACE LTD               |
| DRAWN      | AP       | AP       | HAWKESBURY, ONTARIO, CANADA      |
| CHECKED    | AS       | AS       | DRAWING NO. D119-798-141         |
| MFG. APPR. | JLM      | JLM      | REV. H SHEET 3 OF 8              |
| APPROVED   | WM       | WM       | TITLE XTUBE ASSY (AW119 MKI FWD) |
| DE APPR.   | DS       | DS       | SCALE NT8                        |
| DATE       | 15.10.13 | 15.10.13 | DATE                             |

RELEASED  
R 2015-11-04

- NOTES:
- 1) MATERIAL: MADE FROM D119-798-141TRN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 16.70 lbs
  - 8) PART IS SYMMETRICAL ABOUT CENTERLINE
  - 9) BEND PROGRESSIVELY WITH A MINIMUM OF 8 PASSES. MAXIMUM TUBE FLATTENING DUE TO BENDING IS 6.8% BASED ON OD.
  - 10) LIQUID PENETRANT INSPECT OUTSIDE SURFACE OF CROSSTUBE PER QSI 038
  - 11) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM DEFECTS SUCH AS SCRATCHES, NICKS OR DENTS. DEFECTS UP TO 0.005 MAY BE BLEND OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.





Entered: \_\_\_\_\_ Date: \_\_\_\_\_

# WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐



|                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Job: _____<br>Part No. _____                                                                                                                                                                                                                                                                                                                                                 |  | <b>DISPOSITION</b><br>Rework <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Scrap <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Machining <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Large Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Cross tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Small Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Finishing <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Eng. (Non-AW) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Prod. Eng. 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| Root Cause<br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |  |                                                                                                                                                                                                                                                                                     |  | <b>FAULT CATEGORY</b><br>Contamination <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> <input 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